

Name: _____

Date: _____

Due _____

Mandatory Study Guide: Decimal Unit

COMPLETE THE QUESTIONS ON A SEPARATE SHEET OF PAPER.

Decimal Language and Understanding (Lessons 1 and 2)

Write each decimal using words for questions 1 – 3.

1. 6.021

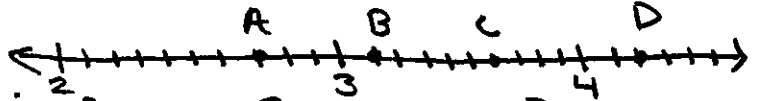
2. 201.51

3. 0.031

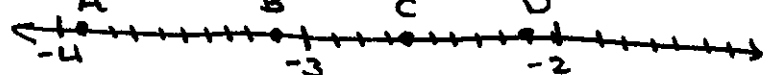
4. Place 1.3, -0.5, -0.8, 0.25, 0.85, -1.2 and -0.45 on the number line.

5. Place in order from least to greatest: 2.034, 2.04, 2.023, 2.7

6. Label each letter with its decimal value.



7. Label each letter with its decimal value.



Decimal Computation – Solve and CHECK your work (Lessons 3, 4, 5)

8. $3.9 + (-6.57)$

9. $2.05 - 7.18$

10. $-14 - 8.6$

11. $2 + 3.5 + 20 + 0.078$

12. $62.4 + 3.9$

13. $51.15 + 5.5$

14. 3.4×7.2

15. $962.4 + 8$

16. $3 + 8$

Balancing Equations - Solve and CHECK your work (Lesson 6A and B)

17. $Y - 48.763 = 0.5$

18. $V + 47.73 = -58.109$

19. $P + 22 = 13.73$

20. $-4.87 = n - 0.97$

21. $0.7H = -4.2$

22. $\frac{K}{-1.2} = -0.07$

23. $9k = 2.34$

24. $-0.007x = 0.2002$

Writing Equations – Write equations, Solve and CHECK your work (Lesson 6C)

25. Lisa wrote a check for \$15.23. She was left with \$156.89 in her account. How much money did she start with?

26. Erin buys 12 pounds of potatoes at the grocery store. Her bill is \$4.50. How much did each pound of potatoes cost?

27. Andrew split a pan of brownies evenly between his five friends. If each friend got 1.75 brownies, how many were in the pan to start with?

IT IS STRONGLY RECOMMENDED THAT IN ADDITION TO THIS STUDY GUIDE YOU STUDY AND PRACTICE WITH YOUR HOMEWORK SHEETS, YOUR OLD QUIZZES, AND YOUR NOTES.